

10/693,161 8/23/05

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FILE 'HOME' ENTERED AT 10:20:53 ON 23 AUG 2005

FILE 'REGISTRY' ENTERED AT 10:21:03 ON 23 AUG 2005  
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STRUCTURE FILE UPDATES: 22 AUG 2005 HIGHEST RN 861291-85-2  
DICTIONARY FILE UPDATES: 22 AUG 2005 HIGHEST RN 861291-85-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

**TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005**

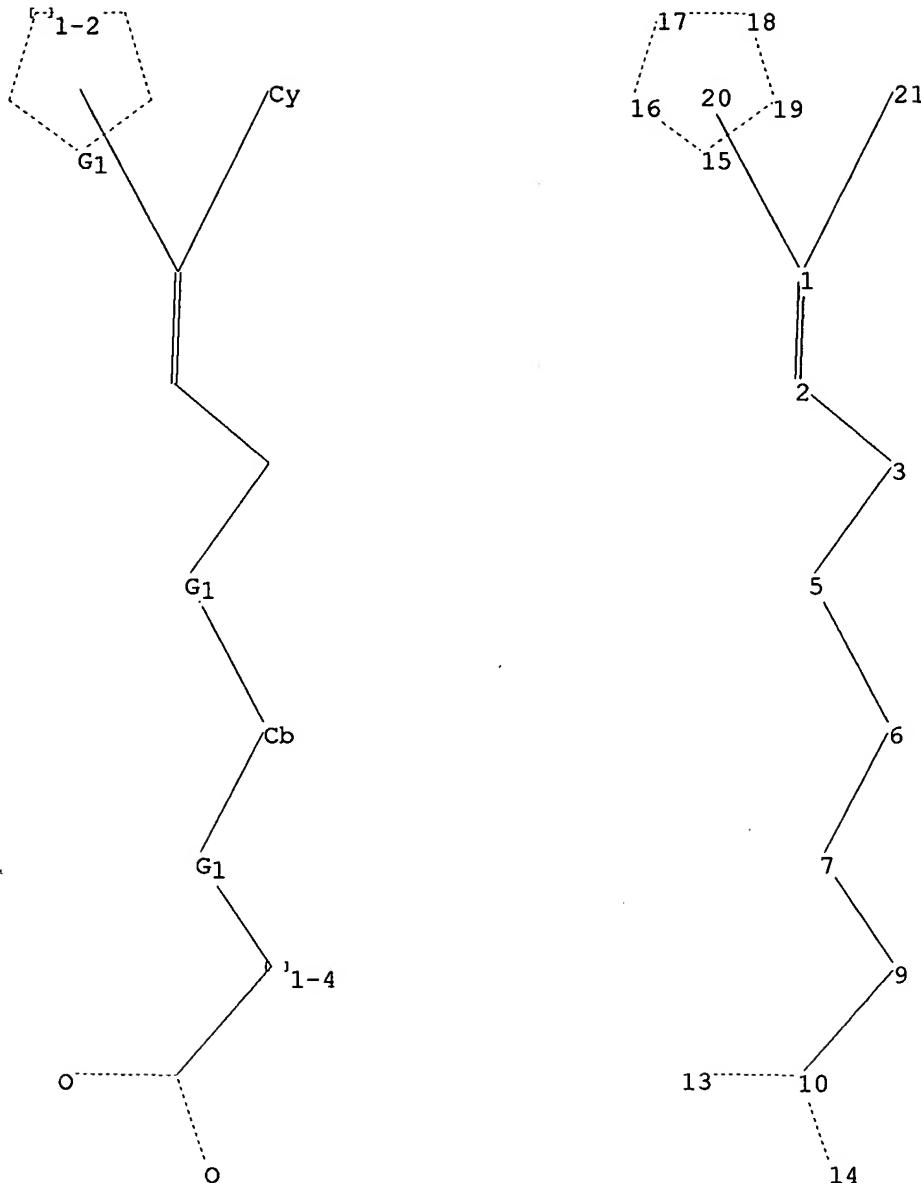
Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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=> Uploading C:\Program Files\Stnexp\Queries\10693161\10693161k.str
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$G_1 = O, N$   
Incomplete  
Search

chain nodes :  
 1 2 3 5 6 7 9 10 13 14 21  
 ring nodes :  
 15 16 17 18 19  
 chain bonds :  
 1-2 1-21 2-3 3-5 5-6 6-7 7-9 9-10 10-13 10-14  
 ring bonds :  
 15-16 15-19 16-17 17-18 18-19  
 exact/norm bonds :  
 1-2 1-21 2-3 3-5 5-6 6-7 7-9 9-10 10-13 10-14 15-16 15-19 16-17 17-18  
 18-19

$G_1: O, S, N$

Match level :  
 1:CLASS 2:CLASS 3:CLASS 5:CLASS 6:Atom 7:CLASS 9:CLASS 10:CLASS 13:CLASS  
 14:CLASS 15:CLASS 16:Atom 17:Atom 18:Atom 19:Atom 20:CLASS 21:Atom

L1 STRUCTURE UPLOADED

=> d  
L1 HAS NO ANSWERS  
L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s L1  
SAMPLE SEARCH INITIATED 10:21:25 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 113440 TO ITERATE

1.8% PROCESSED 2000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
BATCH \*\*INCOMPLETE\*\*  
PROJECTED ITERATIONS: 2240868 TO 2288732  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s L1 full  
FULL SEARCH INITIATED 10:21:29 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 271842 TO ITERATE

28.1% PROCESSED 638101 ITERATIONS 16 ANSWERS  
39.3% PROCESSED 891825 ITERATIONS 32 ANSWERS  
43.2% PROCESSED 982181 ITERATIONS 32 ANSWERS  
44.0% PROCESSED 1000000 ITERATIONS 32 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.54

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\*  
BATCH \*\*INCOMPLETE\*\*  
PROJECTED ITERATIONS: 2271842 TO 2271842  
PROJECTED ANSWERS: 47 TO 97

L3 32 SEA SSS FUL L1

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	161.76	161.97

FILE 'CAPLUS' ENTERED AT 10:22:32 ON 23 AUG 2005  
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FILE COVERS 1907 - 23 Aug 2005 VOL 143 ISS 9  
FILE LAST UPDATED: 22 Aug 2005 (20050822/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L3  
L4                2 L3  
  
=> d ibib abs 1-2

ACCESSION NUMBER:

2004:370892 CAPLUS

DOCUMENT NUMBER:

140:374984

TITLE:

Preparation of [(diaryllallyl)sulfanyl]phenoxyacetic acids and esters as PPAR activators for treatment of diabetes and related conditions

INVENTOR(S):

Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav

PATENT ASSIGNEE(S):

Novo Nordisk A/S, Den.

SOURCE:

PCT Int. Appl., 124 pp.

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

1

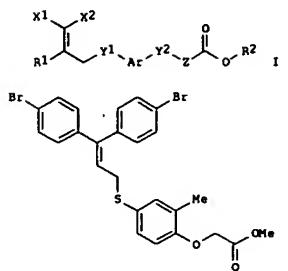
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004037776	A2	20040506	WO 2003-DK722	20031027
WO 2004037776	A3	20040610		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KR, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG				
US 2005070583	A1	20050331	US 2003-693161	20031024
CA 2503280	AA	20040506	CA 2003-2503280	20031027
EP 1558572	A2	20050803	EP 2003-757741	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:				
		DK 2002-1631	A 20021028	
		DK 2003-793	A 20030526	
		US 2002-423467P	P 20021104	
		WO 2003-DK722	W 20031027	

OTHER SOURCE(S):

MARPAT 140:374984

GI



AB Title compds. I [wherein X1 and X2 = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y1 and Y2 = independently O or S; Z = (CH<sub>2</sub>)<sub>n</sub>; n = 1-3; R1 = H, halo, or optionally halo-substituted (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)alkoxyl, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, alkenyln, or aryl] or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, mixts. of stereoisomers, or polymorphs thereof] were prepared as peroxisome proliferator activated receptors (PPAR) activators (no data). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR<sub>2</sub>, such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemia, syndrome X, cardiovascular disease, and hypercholesterolemia (no data). For example, coupling of 4,4'-dibromobenzophenone with tri-Et phosphonocetate in toluene and THF using NaH provided Et 3,3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DIBAL-H in THF and toluene, followed by reaction with (4-mercaptop-2-methylphenyl)acetic acid Me ester in the presence of ADDP and tributylphosphine in THF gave II (88%).

ACCESSION NUMBER: 2004:370891 CAPLUS

DOCUMENT NUMBER:

140:391127

TITLE:

Preparation of biphenylallylsulfanylphenoxyacetates and related compounds for treating peroxisome proliferator activated receptor (PPAR) mediated diseases

INVENTOR(S):

Jeppesen, Lone; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav

PATENT ASSIGNEE(S):

Novo Nordisk A/S, Den.

SOURCE:

PCT Int. Appl., 69 pp.

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

1

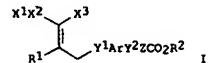
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG				
US 2005080115	A1	20050414	US 2003-692561	20031024
CA 2503276	AA	20040506	CA 2003-2503276	20031027
EP 1558571	A1	20050803	EP 2003-757742	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:		DK 2002-1629	A 20021028	
		US 2002-423644P	P 20021104	
		WO 2003-DK723	W 20031027	

OTHER SOURCE(S):

MARPAT 140:391127

GI



AB Title compds. [I; X1, X3 = (substituted) acyl, heteroaryl; X2, Ar = (substituted) aryl, arylene; Y1, Y2 = O, S; Z = (CH<sub>2</sub>)<sub>n</sub>; n = 1-3; R1 = H, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, heteroaralkyl, alkoxy, cycloalkoxy, alkylthio, etc.; R2 = H, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, etc.], were prepared for treatment of PPAR mediated disease (no data). Thus, [4-(3,3-bis(4-bromophenyl)allylsulfanyl)-2-methylphenoxy]acetic acid (preparation given), Ph<sub>3</sub>O<sup>+</sup>(OH)<sub>2</sub>Cl, KF, Pd2(dba)<sub>3</sub>, and Pd[P(tBu)<sub>3</sub>]<sub>2</sub> were stirred in THF to give [4-(3-biphenyl-4-yl-3-(4-bromophenyl)allylsulfanyl)phenoxy]acetic acid.

10/693,61 8/23.105

NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 10:25:44 ON 23 AUG 2005

=> fil req

COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

**FULL ESTIMATED COST**

FILE 'REGISTRY' ENTERED AT 10:25:53 ON 23 AUG 2005  
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STRUCTURE FILE UPDATES: 22 AUG 2005 HIGHEST RN 861291-85-2  
DICTIONARY FILE UPDATES: 22 AUG 2005 HIGHEST RN 861291-85-2

New CAS Information Use Policies. Enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

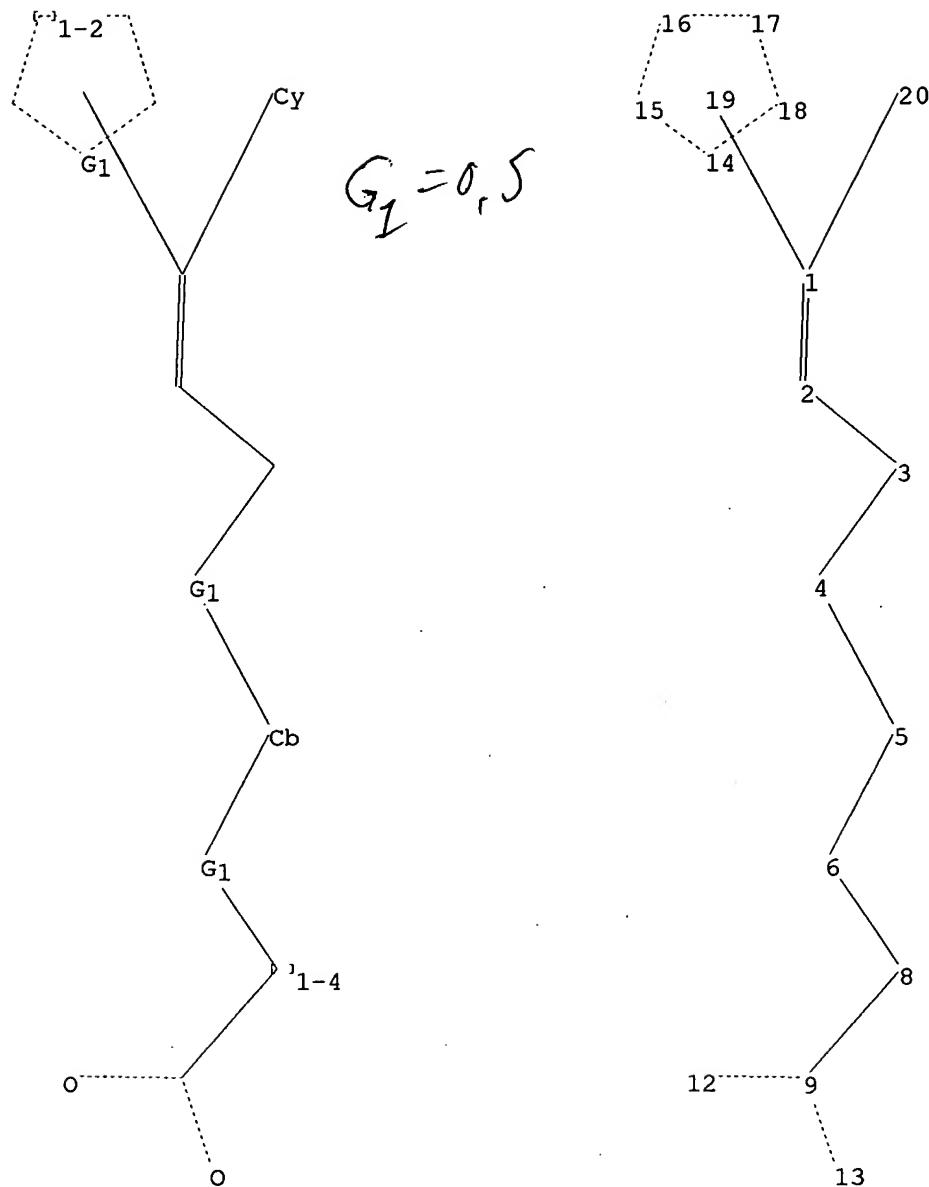
\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from  
\* the IDE default display format and the ED field has been added,  
\* effective March 20, 2005. A new display format, IDERL, is now  
\* available and contains the CA role and document type information.  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

$\Rightarrow$

Uploading C:\Program Files\Stnexp\Queries\10693161\10693161m.str



```

chain nodes :
1 2 3 4 5 6 8 9 12 13 20
ring nodes :
14 15 16 17 18
chain bonds :
1-2 1-20 2-3 3-4 4-5 5-6 6-8 8-9 9-12 9-13
ring bonds :
14-15 14-18 15-16 16-17 17-18
exact/norm bonds :
1-2 1-20 2-3 3-4 4-5 5-6 6-8 8-9 9-12 9-13 14-15 14-18 15-16 16-17
17-18

```

G1:O, S

Match level :  
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:Atom 6:CLASS 8:CLASS 9:CLASS 12:CLASS  
13:CLASS 14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS 20:Atom

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s L1

SAMPLE SEARCH INITIATED 10:26:15 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 46304 TO ITERATE

4.3% PROCESSED 2000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 913241 TO 938919  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s L1 full

FULL SEARCH INITIATED 10:26:22 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 929537 TO ITERATE

99.3% PROCESSED 922710 ITERATIONS 32 ANSWERS  
100.0% PROCESSED 929537 ITERATIONS 32 ANSWERS  
SEARCH TIME: 00.00.18

L3 32 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	161.76	161.97

FILE 'CAPLUS' ENTERED AT 10:26:49 ON 23 AUG 2005  
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FILE COVERS 1907 - 23 Aug 2005 VOL 143 ISS 9  
FILE LAST UPDATED: 22 Aug 2005 (20050822/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s L3  
L4          2 L3  
=> d ibib abs 1-2
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ACCESSION NUMBER: 2004:370992 CAPLUS

DOCUMENT NUMBER: 140:374984

TITLE: Preparation of [(diaryllallyl)sulfanyl]phenoxy)acetic acids and esters as PPAR activators for treatment of diabetes and related conditions

INVENTOR(S): Jeppesen, Lone; Mogensen, John Patrick; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

SOURCE: PCT Int. Appl., 124 pp.

CODEN: PIXKD2

DOCUMENT TYPE: Patent

LANGUAGE: English

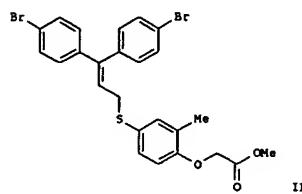
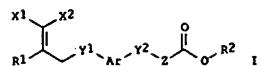
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2004037776	A3	20040610		
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RW: GH, GM, KE, LS, MV, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, EG, KZ, MD, RU, TZ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG				
US 2005070583	A1	20050331	US 2003-693161	20031024
CA 2503280	AA	20040506	CA 2003-2503280	20031027
EP 1558572	A2	20050803	EP 2003-757741	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.: DK 2002-1631	A	20021028		
	DK 2003-793	A	20030526	
	US 2002-423467P	P	20021104	
	WO 2003-DK722	W	20031027	

OTHER SOURCE(S): MARPAT 140:374984

GI



AB Title compds. I [wherein X1 and X2 = independently (un)substituted (hetero)aryl; Ar = (un)substituted arylene; Y1 and Y2 = independently O or S; Z = (CH<sub>2</sub>)<sub>n</sub>; n = 1-3; R1 = H, halo, or optionally halo-alkyl, (cyclo)alkyl, alkenyl, alkynyl, (hetero)aralkyl, (cyclo)alkoxy, aryloxy, (hetero)aralkoxy, (cyclo)alkylthio, or arylthio; R2 = H, (cyclo)alkyl, alkenyl, alkynyl, alkenyln, or aryl; or pharmaceutically acceptable salts, solvates, tautomeric forms, stereoisomers, 'mixts.' of stereoisomers, or polymorphs thereof] were prepared as peroxisome proliferator activated receptors (PPAR) activators (no date). Thus, I and their pharmaceutical compns. are useful for the treatment and/or prevention of conditions mediated by PPAR, particularly subtype PPAR<sub>2</sub>, such as diabetes, impaired glucose tolerance, insulin resistance, obesity, dyslipidemias, syndrome X, cardiovascular disease, and hypercholesterolemia (no date). For example, coupling of 4,4'-dibromobiphenone with tri-Et phosphonocetate in toluene and THF using NaH provided Ex 3, 3-bis(4-bromophenyl)acrylate (73%). Reduction of the ester to the alc. (76%) using DIBAL-H in THF and toluene, followed by reaction with (4-mercaptop-2-methylphenoxy)acetic acid Me ester in the presence of ADDP and tributylphosphine in THF gave II (88%).

ACCESSION NUMBER: 2004:370991 CAPLUS

DOCUMENT NUMBER: 140:391127

TITLE: Preparation of biphenylallylsulfanylphenoxyacetates and related compounds for treating peroxisome proliferator activated receptor (PPAR) mediated diseases

INVENTOR(S): Jeppesen, Lone; Pettersson, Ingrid; Sauerberg, Per; Pihera, Pavel; Havranek, Miroslav

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

SOURCE: PCT Int. Appl., 69 pp.

CODEN: PIXKD2

DOCUMENT TYPE: Patent

LANGUAGE: English

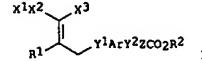
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 200403775	A1	20040506	WO 2003-DK723	20031027
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
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PRIORITY APPLN. INFO.: DK 2002-1629	A	20021028		
	US 2002-423644P	P	20021104	
	WO 2003-DK723	W	20031027	

OTHER SOURCE(S): MARPAT 140:391127

GI



AB Title compds. [I; X1, X3 = (substituted) aryl, heteroaryl; X2, Ar = (substituted) aryl, arylene; Y1, Y2 = O, S; Z = (CH<sub>2</sub>)<sub>n</sub>; n = 1-3; R1 = H, halo, (substituted) alkyl, cycloalkyl, alkenyl, alkynyl, aralkyl, heteroaralkyl, alkoxy, cycloalkoxy, alkylthio, etc.; R2 = H, alkyl, cycloalkyl, alkenyl, alkynyl, aryl, etc.] were prepared for treatment of PPAR mediated disease (no date). Thus, [4-(3,3-bis(4-bromophenyl)allylsulfanyl)-2-methylphenoxy]acetic acid (preparation given), Ph<sub>2</sub>(OH)<sub>2</sub>, KF, Pd2(dba)<sub>3</sub>, and Pd(P(tBu)<sub>3</sub>)<sub>2</sub> were stirred in THF to give [4-(3-biphenyl-4-yl-3-(4-bromophenyl)allylsulfanyl)phenoxy]acetic acid.

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.75	167.72
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.46	-1.46

STN INTERNATIONAL LOGOFF AT 10:27:15 ON 23 AUG 2005

10/693,161 8/23/05

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 10:28:57 ON 23 AUG 2005

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 AUG 2005 HIGHEST RN 861291-85-2  
DICTIONARY FILE UPDATES: 22 AUG 2005 HIGHEST RN 861291-85-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

**TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005**

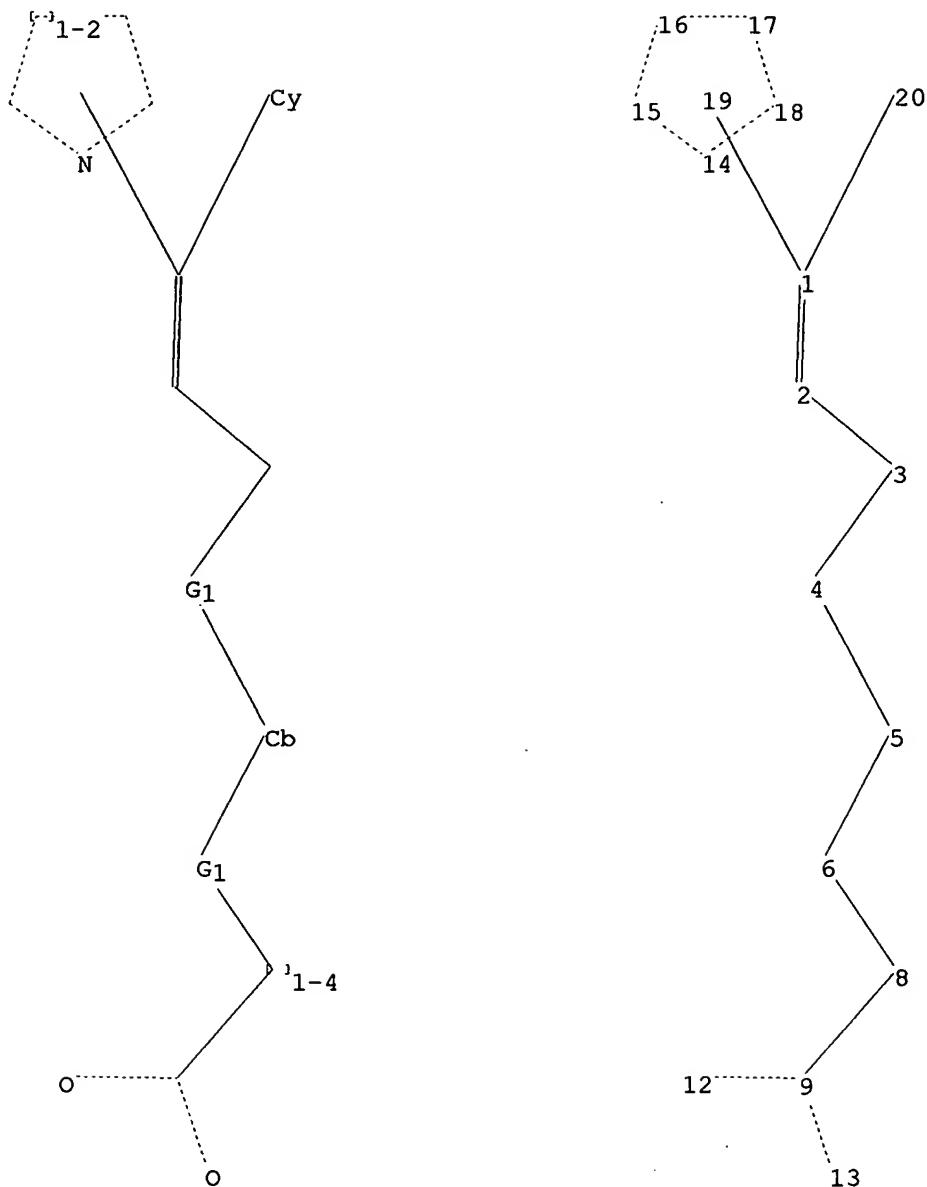
Please note that search-term pricing does apply when conducting SmartSELECT searches.

```
*****
* The CA roles and document type information have been removed from
* the IDE default display format and the ED field has been added,
* effective March 20, 2005. A new display format, IDERL, is now
* available and contains the CA role and document type information.
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> Uploading C:\Program Files\Stnexp\Queries\10693161\10693161n.str
```



```

chain nodes :
1 2 3 4 5 6 8 9 12 13 20
ring nodes :
14 15 16 17 18
chain bonds :
1-2 1-20 2-3 3-4 4-5 5-6 6-8 8-9 9-12 9-13
ring bonds :
14-15 14-18 15-16 16-17 17-18
exact/norm bonds :
1-20 3-4 4-5 5-6 6-8 9-12 9-13 14-15 14-18 15-16 16-17 17-18
exact bonds :
1-2 2-3 8-9

G1:O,S

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:Atom 6:CLASS 8:CLASS 9:CLASS 12:CLASS
13:CLASS 14:CLASS 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS 20:Atom

```

L1 STRUCTURE uploaded

=> d  
L1 HAS NO ANSWERS  
L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s L1  
SAMPLE SEARCH INITIATED 10:29:27 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 8808 TO ITERATE

22.7% PROCESSED 2000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 170535 TO 181785  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s L1 full  
FULL SEARCH INITIATED 10:29:36 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 176039 TO ITERATE

100.0% PROCESSED 176039 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.03

L3 0 SEA SSS FUL L1

=> log y  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 162.19 162.40

STN INTERNATIONAL LOGOFF AT 10:30:49 ON 23 AUG 2005